

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claim**Claims 1 -30 canceled**

31. (Currently Amended) A method of ~~out-band~~ downloading a file from a web-site into a ~~targeted system~~ storage space comprising:

assigning a first wireless communication device to access a first external storage space provided by an associated computer across a communication network;

~~facilitating a user from~~ instructing the first wireless communication device's a web-browser of a system via a network of LAN, Intranet or Internet to accesses to

retrieve a web page [[on]] from a remote web site served by a web server

computer, where the web page comprising a file contains file download information including the file path, the IP address of the remote web site, and related information available for downloading from the web server, and instructing the wireless system to obtain

instructing the first wireless communication device sending the desired file download information for the downloading contained in the web page from to the associated computer via obtaining the file information from the cached web page cached [[o]]in the system first wireless communication device; and

~~instructing the system to send the obtained file download information to a permitted targeted system via the network,~~

instructing the targeted system associated computer to

receive said file the file information for downloading information from the first wireless communication device, and

send a ~~download~~ request to the remote web site server computer for downloading the file, via the network, and
~~instructing the targeted system to~~
 receive[[ing]] the downloading ~~file data~~ stream for the file from the remote web[[site]] server computer, and
store the file directly into ~~a designated file system of the targeted system~~
the first external storage space assigned to the first wireless communication device
~~without goes through said system.~~

32. (Currently Amended) The method of claim 31; ~~wherein said web browser of a system and the targeted system further includes:~~

providing[[e]] ~~the a user from a~~ the first wireless communication device[[s]]
~~via the web browser to access at least a file stored on the assigned first external storage~~
~~space across the communication network, wherein the file is at least one of a streaming~~
~~video file, a streaming musical file, or a digital picture file.~~ web page, provide the user
~~from a personal desktop or laptop to access the web page, and provide user from a~~
~~server's web browser to access the web page, and~~
~~provide another remote laptop, desktop, or server as the targeted system.~~

33. (Currently Amended) A system ~~provides supporting for downloading file for a~~
~~plurality of~~ for wireless communication devices that comprises, the system comprising:
at least a web server computer serving a web site on a communication network,
the web site providing file downloading services via providing at least a
web page comprising at least an information for a file that is available for
downloading;
at least a wireless communication device.

the wireless communication device comprising a web browser for the wireless communication device accessing world wide web, the accessing including to access (retrieve) at least said web page of said web site for downloading at least said file, wherein said web page upon accessing is cached in the wireless communication device; and
an associated computer providing at least an storage space to at least said wireless communication device as an external storage space of said wireless communication device across the communication network; and
wherein said wireless communication device operatively coupled to the associated computer for controlling a user of said wireless communication device accessing the assigned external storage space including controlling downloading at least said file from said web site directly into the assigned external storage space instead of immediately downloading the file into the wireless communication device itself.

— a server unit connects to a network and to be accessed by one or more users from each of their own web browser via the network of LAN, Intranet or Internet;
—— the server unit is configured with one or more storage devices, which to be partitioned by one or more administration users from each of their own web browser over the network, and be assigned to each wireless device as its external storage; and
—— the server unit facilitates each user of the wireless devices from his/her web browser to perform tasks of accessing and managing the files and file-folders in the wireless device's assigned external storage, where the tasks include downloading files from remote web sites into the assigned external storage on the server unit; and
—— the server unit also facilitates each user's one or more tasks to be run concurrently in the user's web browser.

34 – 51 (Canceled)

52. (New) The method of claim 31 further includes:

assigning a second storage space of the associated computer to a second wireless communication device, and allowing the second wireless communication device to download at least a file from the web site directly into the assigned second storage space instead of immediately downloading the file into the second wireless communication device.

53. (New) The system of claim 31 further comprising:

allowing each wireless communication device downloading at least a file directly from a second web site served by a second web server computer into the corresponding assigned external storage space on the associated computer instead of immediately downloading the file into the wireless communication device.

54. (New) The system of claim 33, wherein

said associated computer configured with at least a storage device, each storage device being partitioned into at least a storage volume, and each storage volume being configured with a file system and be exclusively assigned to a wireless communication device as an external storage space.

55. The system of claim 33, wherein

said associated computer transmitting and displaying the assigned external storage space into a web browser of a corresponding wireless communication device via

a web user interface that allows the user selecting at least a management option to perform data management task.

56. (New) The system of claim 33 further comprising:

providing the user of the wireless communication device via the web browser transmitting data file between the wireless communication device and the assigned external storage space on the associated computer.

57. (New) The system of claim 33 further comprising:

providing the user of the wireless communication device via the web browser to managing assigned external storage space that includes creating folder structure and performing data management for the stored files, the data management including at least one of rename, copy, delete, or move operating option.

58. (New) The system of claim 33, wherein said downloading a file a further comprising:

the wireless communication device sending the information of said file available for downloading to the associated computer based on the information obtained from said web page cached in the wireless communication device.

59. (New) The system of claim 58 comprising:

the associated computer receiving the information for download the file from the wireless communication device, sending a request to the remote web server computer for downloading the file, receiving the downloading data stream for the file from the remote web server computer, and storing the file directly into the external storage space assigned to the wireless communication device.

60. (New) The system of claim 33 further comprising:

provide the user of the wireless communication device via the web browser to access at least a file stored on the assigned external storage space on the associated computer, wherein the file is at least one of a streaming video file, a streaming musical file, or a digital picture file.

61. (New) A computer program product, tangibly stored on a computer-readable medium, for a system providing each one of a plurality of wireless communication devices an external storage space, the computer program product comprising:

- a program code comprising program instructions for at least a web server computer serving a web site on a communication network, the web site providing file downloading service through providing at least a web page comprising at least an information for a file that is available for downloading;
 - a program code comprising program instructions for at least a wireless communication devices configuring a web browser being used for accessing the world wide web, the accessing including to access (retrieve) at least said web page of said web site, wherein said web page upon accessing is cached in the wireless communication device; and
 - a program code comprising program instructions for an associated computer providing at least a storage space to at least said wireless communication device as an external storage of said wireless communication device across the communication network; and
- wherein said wireless communication device operatively coupling to the associated computer for controlling a user of said wireless communication device via the web browser to access and manage the assigned external

storage space that includes controlling downloading at least said file from said web site directly into the assigned external storage space instead of immediately downloading the file into said wireless communication device.

62. (New) The computer program product of claim 61, wherein said associated computer configured with at least a storage device, each storage device being partitioned into at least a storage volume, and each storage volume being configured with a file system and be exclusively assigned to a wireless communication device as an external storage.

63. (New) The computer program product of claim 61, wherein said associated computer transmitting and displaying information of the assigned external storage space into a web browser of a corresponding wireless communication device via a web user interface that allows the user selecting management options and performing corresponding data management for the assigned external storage space.

64. (New) The computer program product of claim 61, wherein the wireless communication device allowing the user from the web browser via a web user interface to transmit data files between the wireless communication device and the assigned external storage space on the associated computer.

65. (New) The computer program product of claim 61, wherein said wireless communication device allowing via the web browser to managing assigned external storage space that includes creating folder structure and performing data management for

the stored files, the data management including at least one of rename, copy, delete, or move operation.

66. (New) The computer program product of claim 61, wherein said

wireless communication device sending the information of the file available for downloading to the associated computer based on the information obtained from the web page cached in the wireless communication device.

67 (New) The computer program product of claim 66, wherein said

associated computer receiving the download information for the file from the wireless communication device, sending a request to the remote web server computer for of downloading the file, receiving the downloading stream for the file from the remote web server computer, and storing the file directly into the external storage space assigned to the wireless communication device.

68. (New) The computer program product of claim 61, wherein said wireless communication device

providing the user of the wireless communication device via the web browser to access at least a file stored on the assigned external storage space, wherein the file is at least one of a streaming video file, a streaming musical file, or a digital picture file.